

**WHAT IS CLAIMED IS:**

- 1 1. A method of processing electronic document requests,  
2 said method comprising:  
3 receiving a request from an initiator transmitted  
4 through a computer network;  
5 determining a target recipient;  
6 identifying a first format corresponding to the  
7 request;  
8 identifying a second format corresponding to the  
9 target recipient;  
10 dynamically locating a process, wherein the process is  
11 adapted to format the request from the first  
12 format to the second format;  
13 formatting the request using the located process;  
14 creating a response based on the formatting; and  
15 sending the formatted response to the target  
16 recipient.
- 1 2. The method as described in claim 1 further comprising:  
2 retrieving a target profile corresponding to the  
3 target recipient, the target profile including a  
4 trading partner list and a transaction list;  
5 determining whether the initiator is a trading partner  
6 based upon a reading of the trading partner list;  
7 and  
8 identifying whether the target recipient and initiator  
9 have a known transaction process implementation  
10 based upon the transaction list.
- 1 3. The method as described in claim 2 wherein the target  
2 profile includes one or more trading partner  
3 qualification criteria.

- 1 4. The method as described in claim 2 further comprising:  
2 retrieving a HUB transaction process list;  
3 determining whether a transaction process  
4 implementation is available based upon the HUB  
5 transaction process list; and  
6 sending a message to the initiator based on the  
7 determination.
- 1 5. The method as described in claim 2 further comprising:  
2 locating an existing instance of the process between  
3 the target recipient and the initiator; and  
4 creating a new instance between the target recipient  
5 and the initiator in response to not locating the  
6 existing instance of the process.
- 1 6. The method as described in claim 1 further comprising:  
2 retrieving a transaction process number and a message  
3 process state corresponding to the request;  
4 retrieving a process state corresponding to the  
5 transaction process number;  
6 identifying a message type corresponding to the  
7 request;  
8 comparing the process state to the message process  
9 state; and  
10 validating the message in response to the comparison.
- 1 7. The method as described in claim 1 wherein the  
2 formatting further includes:  
3 determining whether the target recipient uses an  
4 interactive process or a client-server process.
- 1 8. An information handling system comprising:  
2 one or more processors;

3 a memory accessible by the processors;  
4 one or more nonvolatile storage devices accessible by  
5 the processors;  
6 a document processing tool to process electronic  
7 documents, the document processing tool  
8 including:  
9 means for receiving a request from an initiator  
10 transmitted through a computer network;  
11 means for determining a target recipient;  
12 means for identifying a first format  
13 corresponding to the request;  
14 means for identifying a second format  
15 corresponding to the target recipient;  
16 means for dynamically locating a process, wherein  
17 the process is adapted to format the request  
18 from the first format to the second format;  
19 means for formatting the request using the  
20 located process;  
21 means for creating a response based on the  
22 formatting; and  
23 means for sending the formatted response to the  
24 target recipient.

1 9. The information handling system as described in claim  
2 8 further comprising:  
3 means for retrieving a target profile corresponding to  
4 the target recipient, the target profile  
5 including a trading partner list and a  
6 transaction list;  
7 means for determining whether the initiator is a  
8 trading partner based upon a reading of the  
9 trading partner list; and

10 means for identifying whether the target recipient and  
11 initiator have a known transaction process  
12 implementation based upon the transaction list.

1 10. The information handling system as described in claim  
2 9 wherein the target profile includes one or more  
3 trading partner qualification criteria.

1 11. The information handling system as described in claim  
2 9 further comprising:  
3 means for retrieving a HUB transaction process list;  
4 means for determining whether a transaction process  
5 implementation is available based upon the HUB  
6 transaction process list; and  
7 means for sending a message to the initiator based on  
8 the determination.

1 12. The information handling system as described in claim  
2 9 further comprising:  
3 means for locating an existing instance of the process  
4 between the target recipient and the initiator;  
5 and  
6 means for creating a new instance between the target  
7 recipient and the initiator in response to not  
8 locating the existing instance of the process.

1 13. The information handling system as described in claim  
2 8 further comprising:  
3 means for retrieving a transaction process number and  
4 a message process state corresponding to the  
5 request;  
6 means for retrieving a process state corresponding to  
7 the transaction process number;

8 means for identifying a message type corresponding to  
9 the request;  
10 means for comparing the process state to the message  
11 process state; and  
12 means for validating the message in response to the  
13 comparison.

1 14. A computer program product stored in a computer  
2 operable media for processing electronic documents,  
3 said computer program product comprising:  
4 means for receiving a request from an initiator  
5 transmitted through a computer network;  
6 means for determining a target recipient;  
7 means for identifying a first format corresponding to  
8 the request;  
9 means for identifying a second format corresponding to  
10 the target recipient;  
11 means for dynamically locating a process, wherein the  
12 process is adapted to format the request from the  
13 first format to the second format;  
14 means for formatting the request using the located  
15 process;  
16 means for creating a response based on the formatting;  
17 and  
18 means for sending the formatted response to the target  
19 recipient.

1 15. The computer program product as described in claim 14  
2 further comprising:  
3 means for retrieving a target profile corresponding to  
4 the target recipient, the target profile

5 including a trading partner list and a  
6 transaction list;  
7 means for determining whether the initiator is a  
8 trading partner based upon a reading of the  
9 trading partner list; and  
10 means for identifying whether the target recipient and  
11 initiator have a known transaction process  
12 implementation based upon the transaction list.

1 16. The computer program product as described in claim 15  
2 wherein the target profile includes one or more  
3 trading partner qualification criteria.

1 17. The computer program product as described in claim 15  
2 further comprising:  
3 means for retrieving a HUB transaction process list;  
4 means for determining whether a transaction process  
5 implementation is available based upon the HUB  
6 transaction process list; and  
7 means for sending a message to the initiator based on  
8 the determination.

1 18. The computer program product as described in claim 15  
2 further comprising:  
3 means for locating an existing instance of the process  
4 between the target recipient and the initiator;  
5 and  
6 means for creating a new instance between the target  
7 recipient and the initiator in response to not  
8 locating the existing instance of the process.

1 19. The computer program product as described in claim 14  
2 further comprising:

3 means for retrieving a transaction process number and  
4 a message process state corresponding to the  
5 request;  
6 means for retrieving a process state corresponding to  
7 the transaction process number;  
8 means for identifying a message type corresponding to  
9 the request;  
10 means for comparing the process state to the message  
11 process state; and  
12 means for validating the message in response to the  
13 comparison.

1 20. The computer program product as described in claim 14  
2 wherein the formatting further includes:

3 means for determining whether the target recipient  
4 uses an interactive process or a client-server  
5 process.  
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